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PTO/SB/01 (10-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION
AND
POWER OF ATTORNEY
FOR UTILITY OR DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

☐ Declaration Submitted with Initial Filing ☒ Declaration Submitted after Initial Filing (Surcharge (37 CFR 1.16(e)) required) **OR**

Attorney Docket Number	END-5042CIP
First Named Inventor	T. Douglas Mast
COMPLETE IF KNOWN	
Application Number	10/721,034
Filing Date	November 24, 2003
Group Art Unit	3737
Examiner Name	Not assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD FOR MONITORING OF MEDICAL TREATMENT USING PULSE-ECHO ULTRASOUND
(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 11/24/2003 as United States Application Number or PCT International Application Number 10/721,034 and was amended on (MM/DD/YYYY) ☐

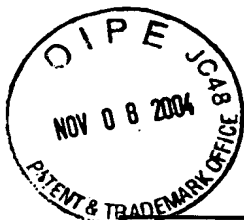
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:



DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

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Application Serial No.	Filing Date	Status
10/153,241	May 22, 2002	Pending

I hereby appoint:

☒ Practitioners at Customer Number **000027777** →

Place Customer
Number Bar Code
Label Here

AND

☐ Practitioner(s) named below:
Name Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Address all telephone calls to Verne E. Kreger, Jr. at telephone number (513) 337-3295.

Direct all correspondence to: ☒ Customer Number **000027777** OR ☐ Correspondence address below

Name:

Address:

Address:

City:

State:

ZIP

Country

Telephone:

Fax: (513) 337-8489

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

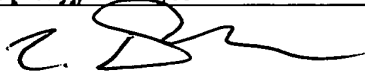
NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) T. Douglas

Family Name
or Surname MAST

Inventor's
Signature



Date

9 Sept. 2004

Residence: City Cincinnati,

State OH

Country US

Citizenship US

Mailing Address 3907 Lansdowne Avenue

City Cincinnati,

State OH

ZIP 45236

Country US

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NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) Waseem

Family Name
or Surname FAIDI

Inventor's
Signature

Date

Residence: City Clifton Park

State NY

Country US

Citizenship Jordan

Mailing Address 702 Solomon Avenue

City Clifton Park

State NY

ZIP 12065

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NAME OF THIRD INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) Inder Raj S.

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Signature

Date

Residence: City Loveland

State Ohio

Country US

Citizenship US

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Given Name (first and middle [if any]) Peter G.		Family Name or Surname BARTHE	
Inventor's Signature		Date	
Residence: City Phoenix	State AZ	Country US	Citizenship US
Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ			
City Phoenix	State AZ	ZIP 85044	Country US
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Given Name (first and middle [if any]) Michael H.		Family Name or Surname SLAYTON	
Inventor's Signature		Date	
Residence: City Tempe	State AZ	Country US	Citizenship US
Mailing Address 1323 E. Whalers Way			
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ZIP

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Given Name
(first and middle [if any]) T. Douglas

Family Name
or Surname MAST

Inventor's
Signature

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Citizenship US

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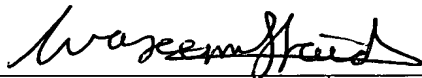
NAME OF SECOND INVENTOR:

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Date

9/14/2004

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State NY

Country US

Citizenship Jordan

Mailing Address 702 Solomon Avenue

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State NY

ZIP 12065

Country US

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Inventor's Signature		Date	
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	Filing Date	November 24, 2003
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NAME OF THIRD INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) Inder Raj S.

Family Name
or Surname MAKIN

Inventor's
Signature

Inder Raj S. Mahin

Date

September 14, 2004

Residence: City Loveland

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Application Serial No.	Filing Date	Status
10/153,241	May 22, 2002	Pending

I hereby appoint:

☒ Practitioners at Customer Number **000027777** →

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AND

☐ Practitioner(s) named below:
Name Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Address all telephone calls to Verne E. Kreger, Jr. at telephone number (513) 337-3295.

Direct all correspondence to: ☒ Customer Number **000027777** OR ☐ Correspondence address below

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Address:

City:

State:

ZIP

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Telephone:

Fax: (513) 337-8489

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) T. Douglas		Family Name or Surname MAST	
Inventor's Signature		Date	
Residence: City Cincinnati,	State OH	Country US	Citizenship US
Mailing Address 3907 Lansdowne Avenue			
City Cincinnati,	State OH	ZIP 45236	Country US
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Waseem		Family Name or Surname FAIDI	
Inventor's Signature		Date	
Residence: City Clifton Park	State NY	Country US	Citizenship Jordan
Mailing Address 702 Solomon Avenue			
City Clifton Park	State NY	ZIP 12065	Country US
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF THIRD INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Inder Raj S.		Family Name or Surname MAKIN	
Inventor's Signature		Date	
Residence: City Loveland	State Ohio	Country US	Citizenship US
Mailing Address 11388 Donwiddle Drive, Loveland, OH 45140			
City Loveland	State OH	ZIP 45140	Country US

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

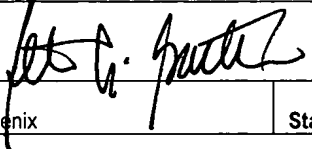
NAME OF FOURTH INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) Peter G.

Family Name
or Surname BARTHE

Inventor's
Signature



Date 20 September 2004

Residence: City Phoenix

State AZ

Country US

Citizenship US

Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ

City Phoenix

State AZ

ZIP 85044

Country US

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NAME OF FIFTH INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) Michael H.

Family Name
or Surname SLAYTON

Inventor's
Signature

Date

Residence: City Tempe

State AZ

Country US

Citizenship US

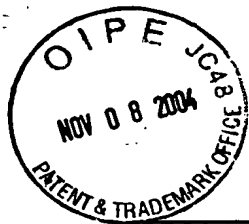
Mailing Address 1323 E. Whalers Way

City Tempe

State AZ

ZIP 85283-2149

Country US



Please type a plus sign (+) inside this box ☐

PTO/SB/01 (10-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) <input type="checkbox"/> Declaration Submitted with Initial Filing <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (Surcharge (37 CFR 1.16(e)) required)	Attorney Docket Number	END-5042CIP
	First Named Inventor	T. Douglas Mast
	COMPLETE IF KNOWN	
	Application Number	10/721,034
	Filing Date	November 24, 2003
	Group Art Unit	3737
	Examiner Name	Not assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD FOR MONITORING OF MEDICAL TREATMENT USING PULSE-ECHO ULTRASOUND
(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☒ was filed on (MM/DD/YYYY) 11/24/2003 as United States Application Number or PCT International Application Number 10/721,034 and was amended on (MM/DD/YYYY) ☐

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
		<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
10/153,241	May 22, 2002	Pending

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AND

☐ Practitioner(s) named below:
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ZIP

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Telephone:

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NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) T. Douglas

Family Name
or Surname MAST

Inventor's
Signature

Date

Residence: City Cincinnati,

State OH

Country US

Citizenship US

Mailing Address 3907 Lansdowne Avenue

City Cincinnati,

State OH

ZIP 45236

Country US

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NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) Waseem

Family Name
or Surname FAIDI

Inventor's
Signature

Date

Residence: City Clifton Park

State NY

Country US

Citizenship Jordan

Mailing Address 702 Solomon Avenue

City Clifton Park

State NY

ZIP 12065

Country US

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NAME OF THIRD INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) Inder Raj S.

Family Name
or Surname MAKIN

Inventor's
Signature

Date

Residence: City Loveland

State Ohio

Country US

Citizenship US

Mailing Address 11388 Donwiddle Drive, Loveland, OH 45140

City Loveland

State OH

ZIP 45140

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NAME OF FOURTH INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) Peter G.

Family Name
or Surname BARTHE

Inventor's
Signature

Date

Residence: City Phoenix

State AZ

Country US

Citizenship US

Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ

City Phoenix

State AZ

ZIP 85044

Country US

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NAME OF FIFTH INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any]) Michael H.

Family Name
or Surname SLAYTON

Inventor's
Signature

Date

9/15/04

Residence: City Tempe

State AZ

Country US

Citizenship US

Mailing Address 1323 E. Whalers Way

City Tempe

State AZ

ZIP 85283-2149

Country US